

DEVIL_24 S5 FO SR



DESCRIPTION	NORM EN ISO 20345:2022 + A1:2024	RESULT	REQUIREMENT
UPPER: PVC – 8% Nitrilic rubber	5.4.2 Thickness 5.4.4 Modulus at 100 % elongation: 5.4.5 Flexing resistance:	3,10 mm 1,8 N/mm ² 296 % no cracking before 150.000 flexes.	≥ 1,00 mm 1,3 to 4,6 N/mm ² ≥ 250 % no cracking before 150.000 flexes.
SAFETY TOE CAP: Steel	5.3.2.6 Impact resistance 5.3.2.7 Compression resistance	17,5 mm 16,0 mm	≥ 14 mm ≥ 14 mm
PIERCE-RESISTANCE: Stainless steel	6.2.1.1.3 Determination of penetration resistance	PASS	Min. 1100 N
SOLE: PVC – 8% Nitrilic rubber	5.8.3 Tear strength 5.8.4 Abrasion resistance 5.8.5 Flexing resistance 6.4.2 Oils resistance 6.2.10 Slip resistance on ceramic with glycerin (tilted towards the heel of 7°) (tilted towards the tip of 7°) 5.3.5.2 Slip resistance on steel with cleaning agent (tilted towards the heel of 7°) (tilted towards the tip of 7°) 6.2.2.2 Antistatic	10,7 kN/m 226 mm ³ 0,8 mm 2,0 % 0,23 0,26 0,41 0,47 Dry : 111,2 MΩ Wet: 65,4 MΩ	≥ 8 kN/m ≤ 250 mm ³ ≤ 4,0 mm ≤ 12% ≥ 0,19 ≥ 0,22 ≥ 0,31 ≥ 0,36 0,1 ÷ 1000 MΩ 0,1 ÷ 1000 MΩ



SIZE: 36-48

WEIGHT: (KG)

36	37	38	39	40	41	42	43	44	45	46	47	48
1,592	1,751	1,910	2,069	2,228	2,387	2,546	2,705	2,864	3,023	3,182	3,341	3,500

PVC - Chemical resistance table

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LEGENDA

2	Good resistance
1	Sufficient resistance
X	Not recommended

Chemical agents	Concentration	Resistance index for temperature range ° C		
		20 ° C	40 ° C	60 ° C
Ammonium vinegar	All, watery	2	2	1
Butyl acetate	Technically pure	X		
Ethyl acetate	Technically pure	X	X	
Vinyl acetate	Technically pure	X		
Vinegar	Normal concentration	2		
Dimethyl ketone	Technically pure	X		
Acetic acid	Technically pure, glacial	1	X	X
Aqueous boric acid	All, watery	2	2	
Bromic acid	50%, watery	2		
Citric acid	10%, watery	2	2	1
Chloric acid	10%, watery	2		
	20%, watery	2		
Hydrochloric acid	10%, watery	2	2	1
	up to 30% watery	2	2	1
	36% watery	2	2	1
Chromic acid	up to 50% watery	2	2	
Hydrofluoric acid	50% watery	2		
	70% watery	2		
Fluorosilicic acid	32% watery	2		
Formic acid	Up to 50%	2	2	1
Aqueous phosphoric acid	50% watery	2		
	85% watery	2	2	1
Phthalic acid	Saturated, watery	2	1	
Glycolic acid	37% watery	2		
Lactic acid	10% watery	2	1	

Chemical agents		Resistance index for temperature range ° C		
Reagent	Concentration	20 ° C	Reagent	Concentration
Maleic acid	Watery, saturated, cold	2		
Nitric acid	40% watery	2	2	1
	65% watery	1	1	
	100%	X		
Assalic acid	Cold, saturated, watery	2		
Perchloric acid	10% watery	2	2	1
	70% watery	1	X	
Hydrogen sulphide	Technically pure	2		
Sulphuric acid	Up to 40% watery	2	2	2
	Up to 60% watery	2	2	2
	Up to 80% watery	2	2	2
	90% watery	2	2	
	96% watery	2	2	1
Solphorous acid	Saturated, watery	2		
Stearic acid	Technically pure	2		
Tartaric acid	All, watery	2		
Trichloroacetic acid		2		
Turpentine	Normal concentration	2		
Benzyl alcohol	Technically pure	1		
Ethyl alcohol	96% technically pure	2	2	1
Methyl alcohol	All	2		
Acetic aldehyde	Technically pure	X		
Chromic alum	Aqueous, saturated, cold	2		
Ammonia	Technically pure, saturated, cold	2	2	2
Acetic anhydride	Technically pure	X		
Sulphur dioxide		X		
Aniline	Technically pure	X		
Antifreeze, liquid	Technically pure	2		
Petrol	Traces of lead and aromatic compounds	2	2	2
Potassium dichromate	Saturated, watery	2		
Borax (sodium tetraborate)	All, watery	2		
Liquid bromine	Technically pure	X		
Butadiene	Technically pure	2		
Butane, gaseous	Technically pure	2		
Cyclohexane	Technically pure	X		
Cyclohexanol	Technically pure	2		
Cyclohexanone	Technically pure	2		

Chemical agents		Resistance index for temperature range ° C		
Reagent	Concentration	20 ° C	Reagent	Concentration
Chlorine	Wet, 97% gas	1		
Chlorobenzene	Technically pure	X		
Chloroform	Technically pure	X		
Ethylene chloride	Technically pure	X		
Methyl chloride	Technically pure	X		
Vinyl chloride	Technically pure	X		
Dichloroethylene	Technically pure	X		
Dimethylamine	Technically pure	1		
Dioxane	Technically pure	X		
Diethylphthalate	Technically pure	X		
Elano	Technically pure	2		
Ethyl ether	Technically pure	X		
Etilbenzene	Technically pure	X		
Ethylenediamine	Technically pure	1		
Phenol	Up to 10% watery	2		
Dry fluorine	Technically pure	1		
Ammonium fluoride	50% watery	2		
Formaldehyde	40% watery	2		
Sodium phosphate	Aqueous, saturated, cold	2		
Phosgene	Technically pure, liquid	X		
Diesel		2		
Glycerine	Technically pure	2		
Hydrogen	Technically pure	2		
Ammonium hydroxide	Aqueous, saturated, cold	2		
Iodine (tincture)		X		
Sodium iodide	Watery	2		
Calcium hypochlorite	Watery	2		
Sodium hypochlorite	12.5% active chlorine, aqueous	2		
Isooctane	Technically pure	2		
Mercury	Pure	2		
Methane	Technically pure	2		
Methylethylketone	Technically pure	X		
Naphtha		2	1	
Naphthalene	Technically pure	X		
Ammonium nitrate	10% watery	2		
Sodium nitrate	Aqueous, saturated, cold	2		
Nitrotoluene	Technically pure	X		

Chemical agents		Resistance index for temperature range ° C		
Reagent	Concentration	20 ° C	Reagent	Concentration
Oleum	10% of SO ₃	X		
Lubricating oils		2		
Olive oil		2		
Paraffin oil		2		
Silicone oil		2		
Sodium oxalate	Aqueous, saturated, cold	2		
Ethylene oxide	Technically pure	X		
Oxygen	Technically pure	2		2
Ozone	In the air up to 2%	2		
Perchloroethylene	Technically pure	X		
Potassium Permanganate	Aqueous, saturated, cold	2		
Hydrogen peroxideQ	30% watery	2	2	X
	90% watery	X		
Petroleum	Technically pure	2	2	2
Propane	Technically pure, liquid	2		
Sodium silicate	All, watery	2		
Caustic soda	50% watery	2	2	2
Ammonium sulphate	10% watery	2		
Tetrachloroethane	Technically pure	X		
Lead tetraethyl	Technically pure	2		
Tetrahydrofuran	Technically pure	X		
Toluene	Technically pure	X		
Trichloroethane	Technically pure	X		
Trichloroethylene	Technically pure	X		
Triethanolamine	Technically pure	1		
Urea	Up to 30% watery	2		
Vaseline	Technically pure	1		
Xylene	Technically pure	X		
Sulphur	Technically pure	1		